



ENERGY SOLUTIONS INDUSTRY

MISSOURI TARGET INDUSTRY

SEPTEMBER 2023

QUICK STATS ENERGY SOLUTIONS STATEWIDE

2022 Average Annual Wage

\$78,151

19.4% increase from 2017-2022

2022 Employment Statewide

119,916

8.8% increase from 2017

Net Employment Change

2017-2022

9,717

2022 Number of Establishments

7,159

Employment Change

2017-2022

Semiconductor & Other
Electronic Components Mfg.

2,200

Architectural, Engineering, and
Related Services

1,386

Architectural &
Structural Metals Mfg.

1,167

Other Fabricated
Metal Product Mfg.

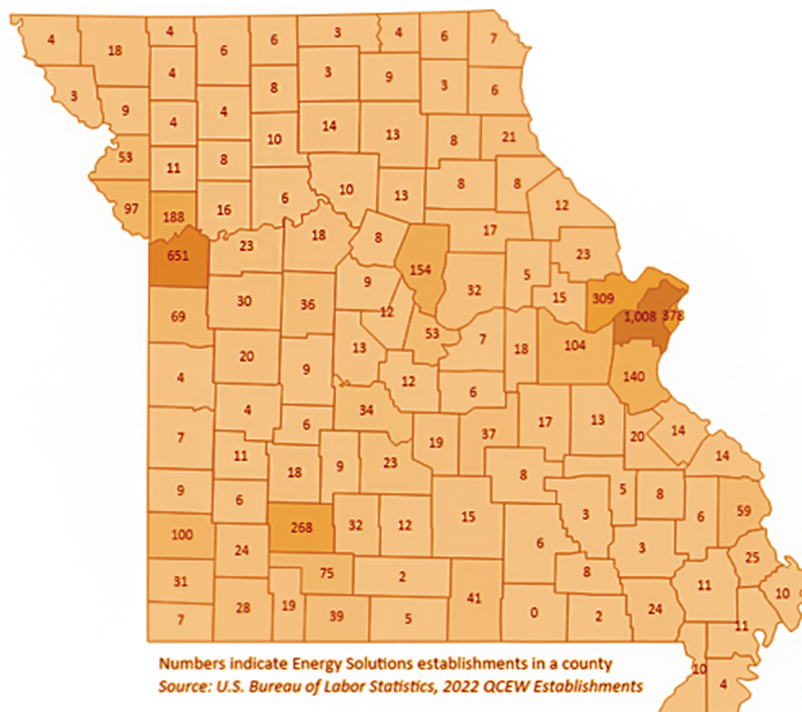
1,133

The Energy Solutions industry includes production, services, professional, scientific, and technical services, as well as wholesale and other services sectors. Energy Solutions represents 5 percent of total private sector employment in Missouri, employing 119,916 workers across 7,159 establishments in 2022.

Location quotient (LQ) compares the regional share of an industry to the national share. LQs that are higher than the national average of 1.0 indicate a higher employment concentration within a region. Missouri has higher employment concentrations in *Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing* with an LQ of 3.13, *Other Electrical Equipment and Component Manufacturing* with an LQ of 2.19, *Engine, Turbine, and Power Transmission Equipment Manufacturing* with an LQ of 2.15, and *Other Fabricated Metal Product Manufacturing* with an LQ of 1.69.

Employment grew an average of 1.8 percent per year from 2017 to 2022, adding a total of 9,717 jobs. The industries with the greatest employment growth include *Semiconductor and Other Electronic Component Manufacturing*; *Architectural, Engineering, and Related Services*; *Architectural and Structural Metals Manufacturing*; and *Other Fabricated Metal Product Manufacturing*.

MISSOURI CONCENTRATION OF ENERGY SOLUTIONS ESTABLISHMENTS



ENERGY SOLUTIONS TARGET INDUSTRY GROUP

NAICS	Energy Solutions and Support Industries	2022 Establishments	2022 Employment	2022 Average Annual Wage	2022 Employment LQ	2017-2022 Change in Employment
All	All Industry, Private	224,382	2,424,578	\$60,159	1.00	58,273
	All Energy Solutions Industry	7,159	119,916	\$78,151	1.00	9,717
3251	Basic Chemical Mfg.	84	3,631	\$78,230	1.27	215
3252	Resin, Synthetic Rubber, and Artificial & Synthetic Fibers & Filaments	28	807	\$80,394	0.45	111
3261	Plastics Product Mfg.	290	14,127	\$57,109	1.22	722
3272	Glass & Glass Product Mfg.	22	906	\$80,788	0.59	-273
3315	Foundries	34	3,044	\$61,292	1.52	70
3323	Architectural & Structural Metals Mfg.	304	9,878	\$59,136	1.31	1,167
3329	Other Fabricated Metal Product Mfg.	173	8,727	\$65,749	1.69	1,133
3332	Industrial Machinery Mfg.	100	1,609	\$76,180	0.66	223
3334	HVAC, & Commercial Refrigeration Equip.	76	8,372	\$60,241	3.13	47
3336	Engine, Turbine, & Power Transmission Equip.	35	3,601	\$57,786	2.15	668
3344	Semiconductor & Other Electronic Comp. Mfg.	76	8,421	\$89,467	1.16	2,200
3345	Navigational, Measurement, Electromedical, Control Instruments Mfg.	143	3,186	\$80,024	0.40	141
3353	Electrical Equipment Mfg.	73	4,058	\$73,503	1.52	171
3359	Other Electrical Equipment & Component Mfg.	103	6,355	\$60,842	2.19	883
4247	Petroleum & Petroleum Products Merchant WS	290	1,865	\$71,150	1.00	-14
5413	Architectural, Engineering, & Related Services	2,678	24,386	\$102,128	0.81	1,386
54162	Environmental Consulting Services	238	1,068	\$75,208	0.59	190
54169	Other Scientific & Technical Consulting Services	579	2,165	\$88,330	0.55	126
54171	Research & Development in the Physical, Engineering, & Life Sciences	834	8,247	\$121,445	0.53	138
8112	Electronic & Precision Equip. Repair & Main.	316	1,445	\$66,783	0.72	-24
8113	Commercial & Industrial Machinery & Equip. Repair & Maintenance	683	4,018	\$68,957	0.96	437

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2022 Annual Data

The average annual private wage in Energy Solutions in 2022 was \$78,151. This was \$17,992 more than the state's average annual private wage of \$60,159. The highest average annual wages within this industry were in *Research and Development in the Physical, Engineering, and Life Sciences; Architectural, Engineering, and Related Services; Semiconductor and Other Electronic Component Manufacturing; and Other Scientific and Technical Consulting Services*.

Eighteen Energy Solutions industries had net employment gains from 2017 to 2022. *Semiconductor and Other Electronic Component Manufacturing* had the largest gain in employment, adding 2,200 jobs, and also had the fastest growth rate since 2017, at 35.4 percent. *Architectural, Engineering, and Related Services* is the largest industry, employing 24,386 workers in 2022.

NOTES:

Target Industries are defined by North American Industry Classification System (NAICS) codes relevant to the target industry cluster. Industry clusters are not mutually exclusive and may include similar industry codes.

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